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PTO/SB/21 (04-04)

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/751,009
		Filing Date	December 31, 2003
		First Named Inventor	Samuel P. McManus et al.
		Art Unit	Unassigned
		Examiner Name	Unassigned
Total Number of Pages in This Submission		Attorney Docket Number	SHE0074.00

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	74 Cited References
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	<input type="checkbox"/> Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Mark A. Wilson; NEKTAR THERAPEUTICS
Signature	<u>Mark A. Wilson</u>
Date	October 15, 2004

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Minna Cotter
Signature	<u>Minna Cotter</u>
	Date 15 OCT 04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Samuel P. McManus et al.) Atty. Docket No.: SHE0074.00
Application No.: 10/751,009)) Examiner: Unassigned
Filed: 12/31/2003)) Group Art Unit: Unassigned
Title: POLYMER DERIVATIVES AND)
CONJUGATES THEREOF)

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450 Alexandria, Virginia 22313-1450 on October 15, 2004

Signed: Mania Cotter

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56, §1.97 and §1.98

Assistant Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

The references listed in the attached Forms PTO/SB/08A and B may be material to examination of the above-identified patent application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56, 1.97, and 1.98. The Examiner is requested to make these citations of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

Copies of the references are enclosed, as required under 37 CFR §§1.98.

This Information Disclosure Statement is being timely filed under 37 CFR §§1.97 and is being filed:

Attorney Docket No. SHE0074.00

within three months of the filing date of a national application; within three months of the date of entry of the national stage as set forth in section 1.491 in an international application; or before the mailing date of a first Office action on the merits (whichever event occurs last);

Please charge the amount of \$____ to Deposit Account 500348

If it is determined that any additional fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500348.

Respectfully submitted,

NEKTAR THERAPEUTICS
(Formerly known as:
INHALE THERAPEUTIC SYSTEMS, INC.)

Dated: October 15, 2004

By:

Mark A. Wilson
Mark Wilson
Reg. No. 43,275

San Carlos, CA 94070
(650) 631-3100



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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 8

Complete if Known

Application Number	10/751,009
Filing Date	12/31/2003
First Named Inventor	Samuel P. McManus et al.
Art Unit	Unassigned
Examiner Name	Unassigned

Attorney Docket Number SHF0074.00

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
A	US- 2002/0102671		08/01/2002	Janda et al.	
B	US- 2003/0157582		08/21/2003	Roisin et al.	
C	US- 3,551,384		12/29/1970	Zeh	
D	US- 3,668,183		06/06/1972	Hoy et al.	
E	US- 3,779,986		12/18/1973	Smith et al.	
F	US- 4,980,514		12/25/1990	Sanderson et al.	
G	US- 4,992,204		02/12/1991	Kluger et al.	
H	US- 5,002,998		03/26/1991	Carey et al.	
I	US- 5,045,396		09/03/1991	Lin et al.	
J	US- 5,138,095		08/11/1992	Speranza et al.	
K	US- 5,149,806		09/22/1992	Moren et al.	
L	US- 5,151,470		09/29/1992	Sanders et al.	
M	US- 5,580,923		12/03/1996	Yeung et al.	
N	US- 5,674,531		10/07/1997	Ahlers et al.	
O	US- 5,723,289		03/03/1998	Eaton et al.	
P	US- 5,733,968		03/31/1998	Moszner et al.	
Q	US- 5,858,660		01/12/1999	Eaton et al.	
R	US- 5,932,641		08/03/1999	Blanchard et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
V	CA	1148166	06/14/1983	Ausonia Farmaceutici s.r.l.		
W	DE	10126158	12/12/2002	Novira Chem GmbH		
X	DE	3334209	04/04/1985	Henkel KGaA		
Y	EP	0361704	04/04/1990	Imperial Chem. Industries PLC		
Z	EP	0 400 486	12/05/1990	Sumitomo Pharm. Co., Ltd.		

Examiner Signature		Date Considered
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

2

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1

Complete if Known

Application Number	10/751,009
Filing Date	12/31/2003
First Named Inventor	Samuel P. McManus et al.
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	SHE0074.00

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
AA	EP	0420232	04/03/1991	European Pharmacy Sri		
AB	EP	0457128	11/21/1991	Mobay Corporation		
AC	EP	0605963	07/13/1994	Ortho Pharm. Corp.		
AD	EP	0634393	01/18/1995	Ivoclar Ag		
AE	EP	1174436	01/23/2002	Seiko Epson Corp.		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 8

Complete if Known

Application Number	10/751,009
Filing Date	12/31/2003
First Named Inventor	Samuel P. McManus et al.
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	CHIECO74-22

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Attorney Docket Number SHE0074 00

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ Kind Code ⁵ (if known)				
AF	EP	1310533	05/14/2003	Agfa-Gevaert		
AG	JP	1-255620	10/12/1989			
AH	JP	2000-129568	05/09/2000			
AI	JP	2001-255620	09/21/2001			
AJ	JP	2002-234940	08/23/2002			

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	10/751,009
Filing Date	12/31/2003
First Named Inventor	Samuel P. McManus et al.
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	SLUE0074.00

Attorney Docket Number SHE0074.00

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	AK	JP 2-283659	11/21/1990			
	AL	JP 60-212435	10/24/1985			
	AM	JP 6-324421	11/25/1994			
	AN	JP 6-49471	02/22/1994			
	AO	JP 6-9737	01/18/1994			

**Examiner
Signature**

Date
Considered

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Application Number 10/751,666

Filing Date 10/31/2009

12/31/2003

Art Unit _____

Examiner Name _____

Attorney Docket Number **SHE0074-0**

STATEMENT BY APPLICANT

STATEMENT BY APPLICANT

STATEMENT BY ATTORNEY

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Sheet 5 of 8

ANSWER

Attorney Docket Number **SHE0074.00**

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	AP	JP 7-159917	06/23/1995			
	AQ	JP 7-62279	03/07/1995			
	AR	JP 7-62594	03/07/1995			
	AS	WO 00/17398	03/30/2000	Nexstar Pharm. Inc.		
	AT	WO 00/44808	08/03/2000	Hubbell		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 6 of 8

Complete If Known

Application Number	10/751,009
Filing Date	12/31/2003
First Named Inventor	Samuel P. McManus et al.
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	SHE0074.00

Sheet 6 of 8

Attorney Docket Number SHE0074.00

U. S. PATENT DOCUMENTS

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Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				
	AU	WO	01/04179	01/18/2001	The Dow Chem. Co.		
	AV	WO	01/04183	01/18/2001	The Dow Chem. Co.		
	AW	WO	01/92584	12/06/2001	Eidgenossische Tech. Hochschule		
	AX	WO	03/004471	01/16/2003	Ciba Specialty Chem. Holding, Inc		
	AY	WO	03/008646	01/30/2003	Surmodics, Inc.		

Examiner Signature		Date Considered	
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Sheet 7 of 8

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First Named Inventor	Samuel P. McManus et al.
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Attorney Docket Number	SHE0074.00

Sheet

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	AZ	WO 03/034995	05/01/2003	The Scripps Res. Inst.		
	BA	WO 90/00049	01/11/1990	Cetus Corp.		
	BB	WO 95/21631	08/17/1995	Nycomed Imaging AS		
	BC	WO 96/33156	10/24/1996	Lambson Fine Chem. Ltd.		
	BD	WO 96/33157	10/24/1996	Lambson Fine Chem. Ltd.		

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	BE	WO 97/49664	12/31/1997	Lambson Fine Chem. Ltd.		
	BF	WO 98/53857	12/03/1998	Mallinckrodt Med., Inc.		

Examiner Signature		Date Considered	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

2

Complete if Known	
Application Number	10/751,009
Filing Date	12/31/2003
First Named Inventor	Samuel P. McManus et al.
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	SHE0074.00

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	BG	CORDOVA ET AL., "A Highly Chemo- and Stereoselective Synthesis of B-Keto Esters via a Polymer-Supported Lipase Catalyzed Transesterification," <i>J. Org. Chem.</i> 2001, Vol. 66, 1906-1909.	
	BH	HAAG ET AL., "New Polyethylene Glycol Polymers as Ketal Protecting Groups - A Polymer Supported Approach to Symmetrically Substituted Spiroketals," <i>Synthetic Communications</i> (2001), Vol. 31, No. 19, pp. 2965-2977.	
	BI	HAI ET AL., "Polymerization of Diaspirin Cross-Linked Hemoglobin (DCLHb) with Water-Soluble, Nonimmunogenic Polyamide Cross-Linking Agents," <i>Bioconjugate Chem.</i> (1999), Vol. 10, pp. 1013-1020.	
	BJ	HERMAN ET AL., "Poly(Ethylene Glycol) with Reactive Endgroups: I. Modification of Proteins," <i>J. of Bioactive and Compatible Polymers</i> , Vol. 10, April 1995, pp. 145-187.	
	BK	HUANG ET AL., "The Synthesis of Polyethylene Glycol (PEG) with Different Functional Groups at Each End. II. Synthesis of a Series of Monosubstituted PEG via Polyvinyl Alcohol (PVA) as Support," <i>J. of Applied Polymer Sci.</i> (1993), Vol. 47, pp. 1503-1511.	
	BL	MOHSENI ET AL., "Condution and electrooptical properties of vanadium-containing polymer electrolyte networks from sol-gel methods with modified poly(ethylene glycol)s and poly(tetramethylene oxide)," <i>J. Mater. Chem.</i> (1999), Vol. 9, pp. 1363-1367.	
	BM	MOSZNER ET AL., "Reaction behaviour of monomeric B-ketoesters , " <i>Polymer Bulletin</i> (1994), Vol. 32, pp. 411-417.	
	BN	NAKA ET AL., "Synthesis of a star-shaped polymer having tris (B-diketonato)chromium(III) at the center core," <i>Polymer Bulletin</i> (1998), Vol. 41, pp. 263-266.	
	BO	PANDE ET AL., "Camphorquinone-10-sulfonic acid and derivatives: Convenient reagents for reversible modification of arginine residues," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 77, No. 2, pp. 895-899, February 1980, <i>Biochemistry</i> .	
	BP	PARR ET AL., "Factors influencing the retention and chemical stability of poly(ethylene glycol)-lipid conjugates incorporated into large unilamellar vesicles," <i>Biochimica et Biophysica Acta</i> 1195 (1994), pp. 21-30.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/751,009
<i>(Use as many sheets as necessary)</i>				Filing Date	12/31/2003
				First Named Inventor	Samuel P. McManus et al.
				Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	2	of	2	Attorney Docket Number	SHE0074.00

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ²
	BQ	SELIGER ET AL., "Two-carrier liquid-phase synthesis of main-chain liquid crystalline oligomers and characterization of the products," Fresenius J. Anal. Chem. (1995), Vol. 351, pp. 260-270.				
	BR	NOF Corporation, Catalog 2003 - 1st: PEG Derivatives, Phospholipid and Drug Delivery Materials for Pharmaceuticals, Tokyo, Japan, 1-46.				
	BS	Shearwater Polymers, Inc., Catalog 1995: Polyethylene Glycol Derivatives, Huntsville, AL, pp. 2-49.				
	BT	Shearwater Polymers, Inc., Catalog 1997-1998: Polyethylene Glycol Derivatives, Huntsville, AL, pp. 1-53.				
	BU	Shearwater Polymers, Inc., Catalog 2001: Polyethylene Glycol and Derivatives for Biomedical Applications, Huntsville, AL, pp. 1-17.				
	BV	Nektar Therapeutics, Nektar Molecule Engineering Catalog 2003: Polyethylene Glycol and Derivatives for Advanced PEGylation, pp. 1-20.				

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